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APPLICATION NO	. F	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/070,660	/070,660 08/27/2002		Janet Mary Hock	X-13288	9334
25885	7590	09/09/2004		EXAMINER	
ELI LILL	Y AND C	OMPANY	HARLE, JENNIFER I		
PATENT I P.O. BOX				ART UNIT	PAPER NUMBER
INDIANA	POLIS, IN	46206-6288	1654	10	
				DATE MAILED: 09/09/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

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امدا	Application No.	Applicant(s)				
	10/070,660	HOCK ET AL.				
Office Action Summary	Examiner	Art Unit				
The MAIL INC DATE of this communication com	Jennifer I. Harle	1654				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1: after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period v - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be timed within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).				
Status						
 Responsive to communication(s) filed on 30 Ju This action is FINAL. Since this application is in condition for allowar closed in accordance with the practice under E 	action is non-final. nce except for formal matters, pro					
Disposition of Claims						
4) Claim(s) 47-62 is/are pending in the application 4a) Of the above claim(s) is/are withdray 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 47-62 are subject to restriction and/or Application Papers 9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) according and applicant may not request that any objection to the Replacement drawing sheet(s) including the correct	wn from consideration. election requirement. er. epted or b) objected to by the I drawing(s) be held in abeyance. See ion is required if the drawing(s) is objected.	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).				
11) The oath or declaration is objected to by the Ex	caminer. Note the attached Office	Action or form P1O-152.				
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applicati rity documents have been receive u (PCT Rule 17.2(a)).	on No ed in this National Stage				
Attachment(s)	-					
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:					

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DETAILED ACTION

The previous Election/Restriction requirement is withdrawn. The new Election/Restriction requirement is now made in its place. Claims 47-62 are pending. Claims 47-62 are subject to an Election/Restriction requirement.

Election/Restriction

Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 47-50, drawn to drawn to a method of monitoring the effect of PTH to a subject by determining an enzyme level indicative of an osteoblastic process of bone formation.

Group II, claim(s) 51-53, drawn to drawn to a method of monitoring the effect of PTH to a subject by determining a product of collagen biosynthesis.

Group III, claim(s) 37, 54-55, and 56, drawn to drawn to a method of monitoring the effect of PTH to a subject by determining a product of collagen degradation.

Group IV, claim(s) 47 and 56, drawn to a method of monitoring the effect of PTH to a subject by determining a combination of a level of an enzyme indicative of an osteoblastic process of bone formation, a product of collagen biosynthesis.

Group V, claim(s) 57, drawn to a kit for monitoring the effect of administration of a parathyroid hormone to a subject, comprising a container, a reagent for determining a level of a product of collagen biosynthesis and instructions for monitoring.

Group VII, claim(s) 57, drawn to drawn to a kit for monitoring the effect of administration of a parathyroid hormone to a subject, comprising a container, a reagent for determining a level of a product of collagen degredation and instructions for monitoring.

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Group VIII, claim(s) 58, drawn to drawn to a method for using change in biochemical marker of bone formation from collagen biosynthesis for predicting subsequent change in spine bone mineral density resulting from repetitive administration of a PTH.

Group IX, claim(s) 59-61, drawn to a method for concurrently reducing the risk of both vertebral and non-vertebral bone fracture in a male human subject at risk of or having osteoporosis.

Group X, claim(s) 62, drawn to an article of manufacture consisting of PTH sequence 1-34 and ministered to a subject.

The inventions listed as Groups I-X do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: A method for monitoring an effect of administration of a parathyroid hormone to a subject by determining a level of changes in biochemical markers of bone formation, i.e. total serum alkaline phosphates (SAP, bone-specific alkaline phosphates (BSAP) and osteocalcin. See Hodsman, et al. A Randomized Controlled Trail to compare the Efficacy of Cyclical parathyroid Hormone Versus Cyclical Parathyroid Hormone and Sequential Calcitonin to Improve Bone Mass in Post Menopausal Women with Osteoporosis, Journal of Clinical Endocrinology and metabolism, Vol. 82, No. 2, 1997, pp. 620-628 (provided by Applicant). Moreover, administering parathyroid hormone 1-34 to reduce the risk of vertebral and non-bertebral bone fracture in a human is known. See Slovik, et al. Restoration of Spinal Bone in Osteoporotic men by Treatment with Human Parathyroid Hormone (1-34) and 1,25-Dihydroxyvitam D., journal of Bone and Mineral Research, Vol. 1, No. 4, 1986, pp. 377-381 (provided by Applicant).

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

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Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer I. Harle whose telephone number is (571) 272-2763. The examiner can normally be reached on Monday through Thursday, 6:30 am to 5:00 pm,.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bruce Campell can be reached on (571) 272-0974. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jennifer Ione Harle August 20, 2004 MICHAEL MELLER PRIMARY EXAMINER